

Title (en)

Method and device for determining the twist of a bar

Title (de)

Verfahren und Vorrichtung zur Bestimmung der Verwindung einer Stange

Title (fr)

Procédé et machine pour relever le vrillage d'une barre

Publication

**EP 0587490 B1 19980128 (FR)**

Application

**EP 93402168 A 19930907**

Priority

FR 9210697 A 19920908

Abstract (en)

[origin: EP0587490A1] A bar (1) includes off-centre longitudinal holes liable to have an initial twist defect. In order to determine the initial twist, with a view to correcting it subsequently, the bar (1) is fixed to a rotary mandrel (14) which is moved axially so that the bar moves along while rotating in front of a sensor (23) and detects the presence of the discontinuity when it passes in front of it. A guide (22) holds the bar (1) in the vicinity of the sensor (23). The latter is a position probe (24) for preserving a position which cannot move in relation to the bar, despite its sideways deflections. Use for establishing a twist card with a view to subsequently compensating for the twist. <IMAGE>

IPC 1-7

**B21D 11/14**; G01B 13/18; G01B 7/00; B23P 15/32

IPC 8 full level

**B21D 11/14** (2006.01); **B23P 15/32** (2006.01); **G01B 7/00** (2006.01); **G01B 13/18** (2006.01)

CPC (source: EP)

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**EP 0587490 A1 19940316**; **EP 0587490 B1 19980128**; DE 69316688 D1 19980305; DE 69316688 T2 19980716; FR 2695332 A1 19940311; FR 2695332 B1 19941028

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